

29. A nucleic acid coding for a polypeptide of claims 26-27.

30. A method of modulating protein-protein interactions with PI3K γ ,
comprising
5 modifying the surfaces of the B-helices.

31. A method of claim 30, wherein the B-helices are hB1, hB1', hB2,
hB2', hB3, hB4, or hB5.

10 32. A method of claim 30, wherein the modifying comprises contacting
said amino acid with an antibody specific-for hB1, hB1', hB2, hB2', hB3, hB4, or
hB5.

15 33. An isolated polypeptide fragment of a PI3K γ consisting essentially of
hB1-hB5.

34. A polypeptide mutein of a PI3K γ comprising hB1-hB5 of Fig. 3, and at
least 95% sequence identity to the remaining sequence in Fig. 3.

20 35. An antibody which is specific-for a polypeptide of claims 33-34.

36. A nucleic acid coding for a polypeptide of claims 33-34.